



CAR.linK

Multifunction tool for ECU programming and diagnostics on CAN, LIN and K-line buses



CAR.linK is the compact solution for ECU communication, OBD-II compliant. **CAR.linK** is the “one-box” solution: a portable instrument with Ethernet connection to the PC and all the interfaces for ECU diagnostic, reprogramming either on board or in laboratory.

MAIN FEATURES:

- External power supply 220Vac- 12Vdc
- Car lighter plug for in vehicle operations
- CAN, LIN e K-line buses integrated in one instrument
- Programmable terminator resistor insertion (120 Ohm) for C-CAN bus
- ECU supply with 2 signals for +30 (battery) and +15 (key)
- Software synchronization between communication buses and ECU supply
- Trigger Out pulse on specific CAN Message for synchronization with DAQ systems
- Suitable for OBD-II connection

TECHNICAL SPECIFICATIONS

Specification	Protocols	Interface
CAN	<ul style="list-style-type: none">➤CAN 2.0A (11-bit)➤CAN 2.0B (29-bit)➤ISO 15765-4 (Diagnostic on CAN)➤ISO 14230-4 (KWP2000)➤ISO 14229 (UDS)	On board
LIN	LIN 2.0, 2.1 compliant	On board
K-line	ISO 9141	On board
Power	Voltage : 12 V DC	Current : 1 A max
Dimensions	WxHxD : 120 x 35 x 120 mm	

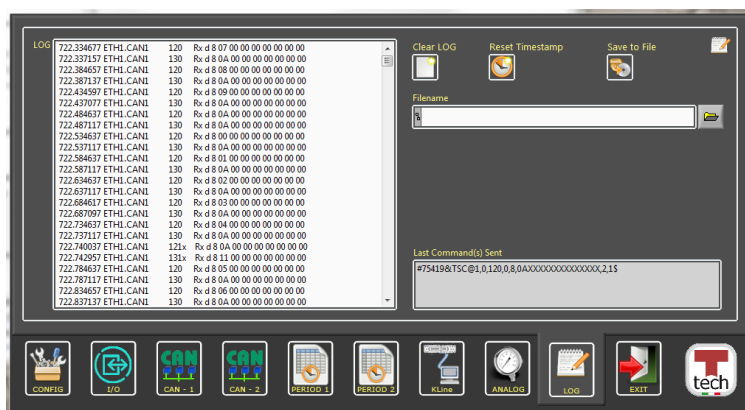
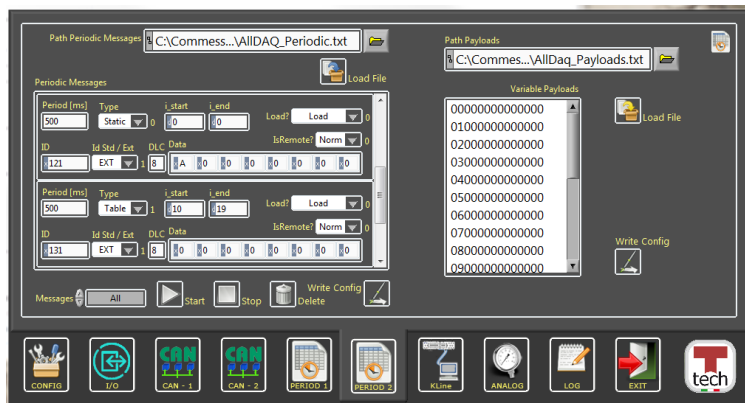


SOFTWARE FEATURES

- Editable downloading sequences
- Selectable complete traffic / diagnostic log
- Step by step with pause function for debugging
- Editable operator messages
- Easy to configure code and data mapping for downloading

APPLICATIONS

- Laboratory and development systems
- Reworking stations
- On-board diagnostic systems
- Flashing/reprogramming campaigns tool
- Tool for resident, off-site technician



CONFIGURATION AND OPTIONS

Product code	I/O	B-CAN	C-CAN	LIN	K-line	Description
CAR.linK	3	0	2	0	1	2x CAN up to 1Mbit/s 1x KL Interface ISO8 Battery+Key output Trigger Input Trigger Output
CAR.linK-B	3	1	1	0	1	1x CAN up to 1Mbit/s 1x CAN up to 50Kbit/s 1x KL Interface ISO8 Battery+Key output Trigger Input Trigger Output
CAR.linK-L	3	0	2	1	1	2x CAN up to 1Mbit/s 1x KL Interface ISO8 1x LIN Battery+Key output Trigger Input Trigger Output
CAR.linK-BL	3	1	1	1	1	1x CAN up to 1Mbit/s 1x CAN up to 50Kbit/s 1x KL Interface ISO8 1x LIN Battery+Key output Trigger Input Trigger Output